ILLUSTRATION 3

PROGRAM DOCUMENTATION – GIMPUNCH

This program provides a backup method for obtaining all completed data base update statements for a given history tape and for one specified data base. The program selects all transactions for the data base, sorts the selected records, and processes them into two output files:

SYSPRINT – A listing of data pertaining to all type Ø records for the data base. When an asterisk (*) appears in the column UPD FLG, it indicates that this was a completed update statement.

GIMPNCH – A series of 80-byte records containing the entire completed update statements. Each statement is contained in at least one record and often is contained in a series of records. Where possible, the original transaction number of the statement is contained in byte 73-80 of the last record of the statement.

The selection of the data base is controlled by a parameter to the program. It is in the EXEC card of the JCL file. Sample JCL is attached.

ILLUSTRATION 3 (CONT'D)

```
//PUNCH    JOB  JOB-CARD-ACCOUNTING-INFORMATION
//JOBLIB   DD DSN=GIM2.LOAD,DISP=SHR
//GIMPUN    EXEC PGM=GIMPUNCH,PARM='REPORT/5',REGION=120K
//**        THE NUMBER FOLLOWING 'REPORT/' IS THE DATA BASE NUMBER
//SYSPRINT CD SYSOUT=A,DCB=(RECFM=FBA,LRECL=133,BLKSIZE=133)
//GIMHIST   DD UNIT=2400,DISP=(OLD,KEEP),
//    VOL=SER=123456,
//          DSN=HISTORY1
//GIMPNCH   DD SYSOUT=B,DCB=(RECFM=FB,LRECL=80,BLKSIZE=80)
//SYSOUT    CD SYSOUT=A
//SORTLIB   DD DSN=SYS1.SORTLIB,DISP=SHR
//SORTIN    DD UNIT=SYSDA,DSN=&&SRTIN,DISP=(NEW,PASS),
//          SPACE=(CYL,(10,3),RLSE),
//          DCB=(RECFM=VB,LRECL=3508,BLKSIZE=3512)
//SORTOUT   DD UNIT=SYSDA,DSN=&&SRTOUT,DISP=(NEW,PASS),
//          SPACE=(CYL,(10,3),RLSE),
//          DCB=(RECFM=VB,LRECL=3508,BLKSIZE=3512)
//SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(5,3),RLSE)
//SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(5,3),RLSE)
//SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(5,3),RLSE)
//SORTWK04 DD UNIT=SYSDA,SPACE=(CYL,(5,3),RLSE)
//SORTWK05 DD UNIT=SYSDA,SPACE=(CYL,(5,3),RLSE)
//SORTWK06 DD UNIT=SYSDA,SPACE=(CYL,(5,3),RLSE)
```